

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061119\
 Data File : BF114959.D
 Acq On : 11 Jun 2019 22:27
 Operator : HP/JU
 Sample : K3271-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BAT-B1

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061019.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.269	536	541	544	rBV	3906581	3717641	77.43%	7.953%
2	6.304	712	717	720	rBV	4118084	3889730	81.01%	8.321%
3	6.428	734	738	741	rBV	4635901	4132582	86.07%	8.840%
4	6.657	774	777	781	rBV	1690043	1308433	27.25%	2.799%
5	6.816	800	804	807	rBV	4010031	3349111	69.75%	7.164%
6	7.222	868	873	876	rBV	2768881	2503961	52.15%	5.356%
7	7.275	879	882	885	rVB	71678	58959	1.23%	0.126%
8	7.939	991	995	1001	rBV	2255685	1830355	38.12%	3.915%
9	8.269	1048	1051	1054	rVB3	46188	54516	1.14%	0.117%
10	8.333	1059	1062	1066	rVV	119220	125301	2.61%	0.268%
11	8.380	1066	1070	1079	rVB	112072	143770	2.99%	0.308%
12	8.545	1095	1098	1102	rBV	444306	395595	8.24%	0.846%
13	9.016	1174	1178	1181	rBV	5632238	4801461	100.00%	10.271%
14	9.110	1191	1194	1198	rVB	295144	241647	5.03%	0.517%
15	9.410	1242	1245	1247	rBV	444588	384231	8.00%	0.822%
16	9.686	1288	1292	1299	rBV	2254739	1913902	39.86%	4.094%
17	10.469	1421	1425	1440	rBV	2886015	2651352	55.22%	5.672%
18	11.163	1539	1543	1546	rBV	2087825	1810258	37.70%	3.872%
19	11.704	1632	1635	1644	rBV2	159308	190052	3.96%	0.407%
20	12.486	1765	1768	1774	rBV5	35774	70978	1.48%	0.152%
21	12.745	1807	1812	1815	rBV	4227775	4199818	87.47%	8.984%
22	13.333	1909	1912	1914	rVB	69304	61478	1.28%	0.132%
23	13.627	1959	1962	1963	rBV2	59321	57328	1.19%	0.123%
24	13.651	1963	1966	1975	rVB2	396095	565735	11.78%	1.210%
25	13.780	1984	1988	1992	rBV	1640601	1630012	33.95%	3.487%
26	13.974	2017	2021	2027	rBV	357951	356963	7.43%	0.764%
27	14.274	2069	2072	2076	rBV	648767	599149	12.48%	1.282%
28	14.568	2119	2122	2126	rBV	1005433	875565	18.24%	1.873%
29	14.874	2170	2174	2181	rVB	1055358	1051058	21.89%	2.248%
30	15.162	2219	2223	2227	rBV	1169210	1257086	26.18%	2.689%
31	15.215	2228	2232	2241	rVB	948774	1178408	24.54%	2.521%
32	15.604	2294	2298	2303	rBV	607933	848446	17.67%	1.815%
33	16.056	2371	2375	2383	rVB	293064	492943	10.27%	1.054%

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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061019.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

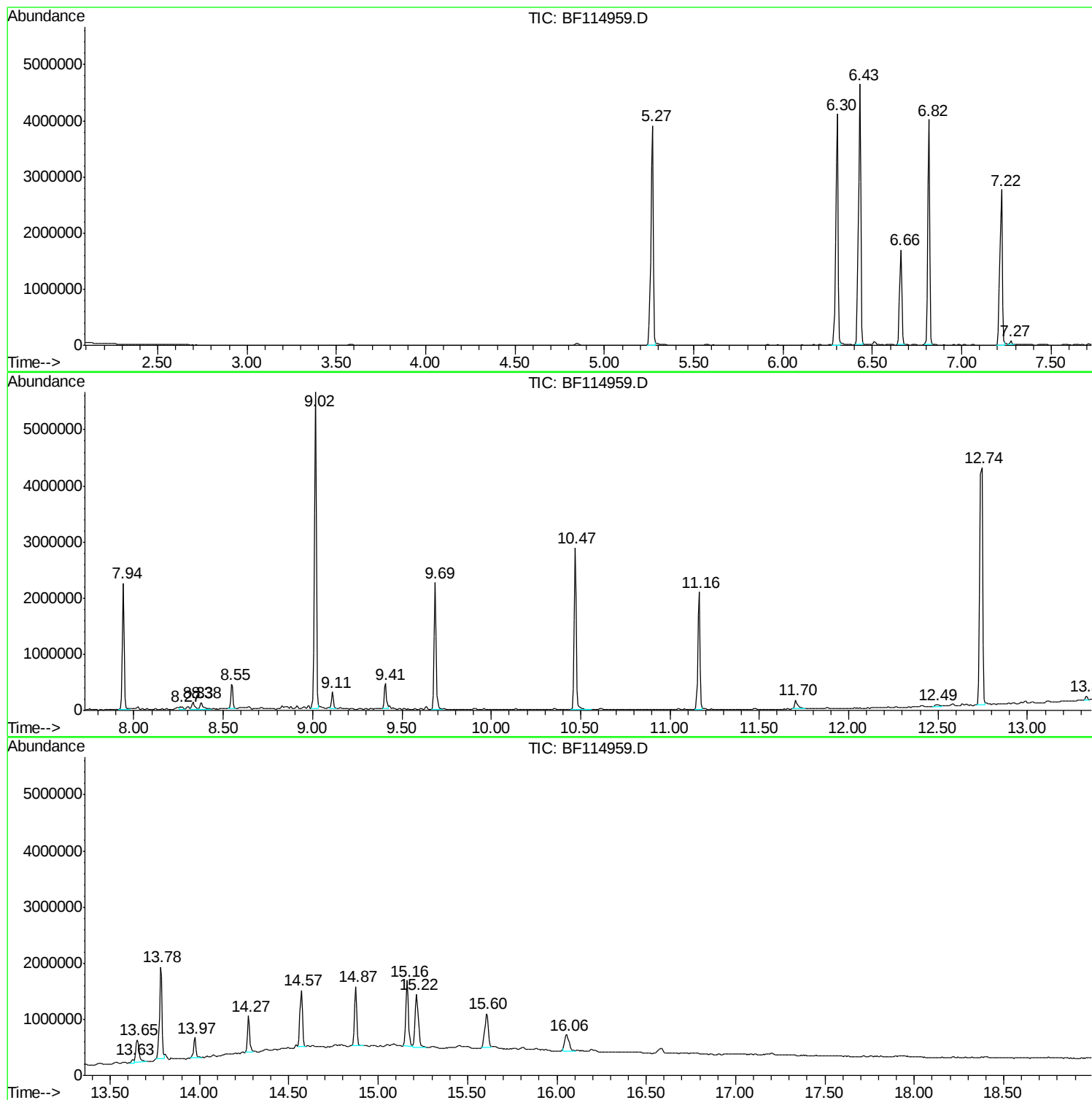
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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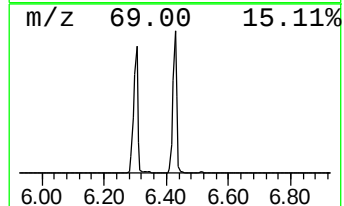
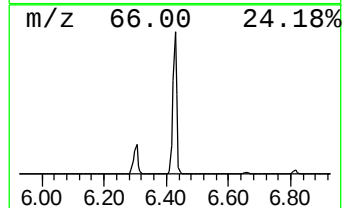
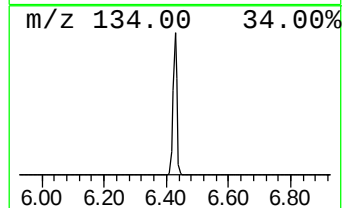
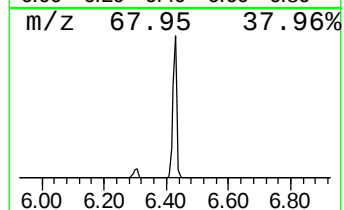
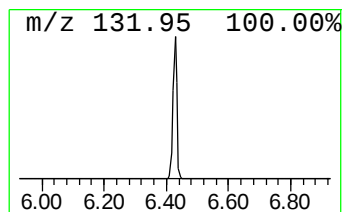
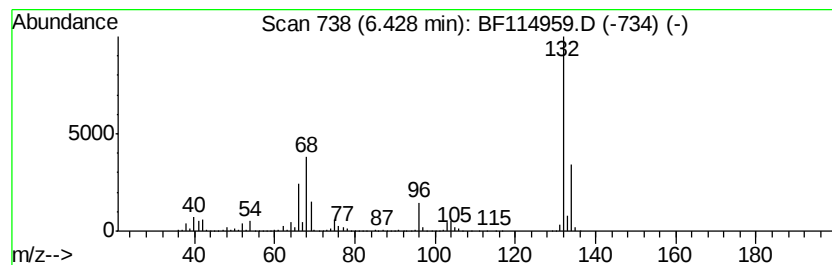
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown6.43 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.43	63.17 ng	4132580	1,4-Dichlorobenzene-d4	6.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	12
4		5-Aminoindole	132	C8H8N2	005192-03-0	12
5		(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	9



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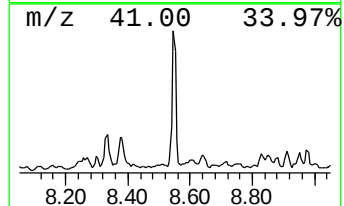
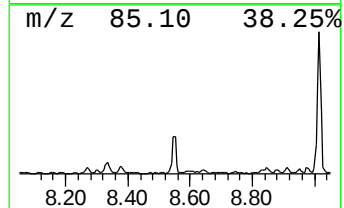
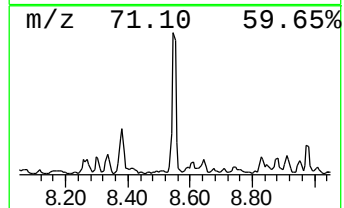
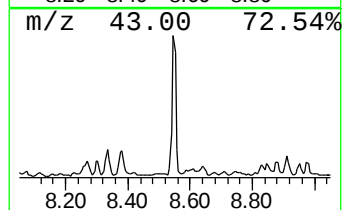
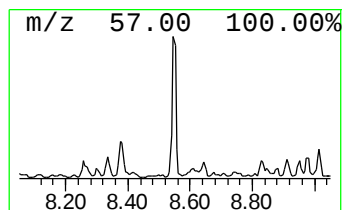
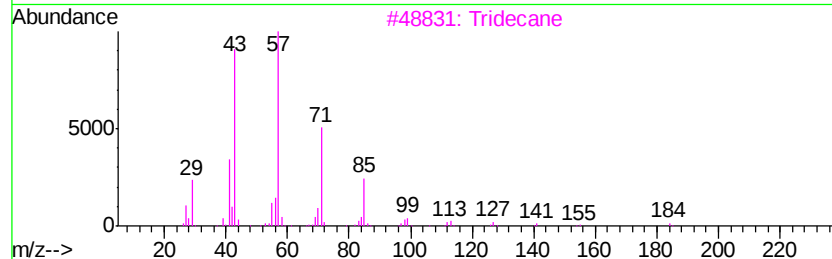
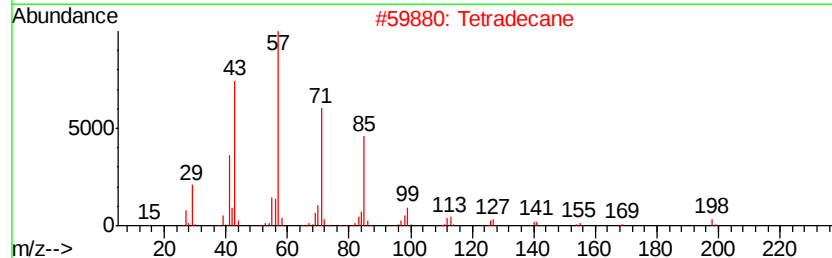
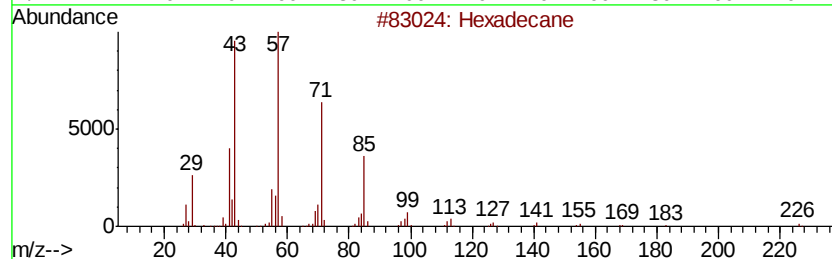
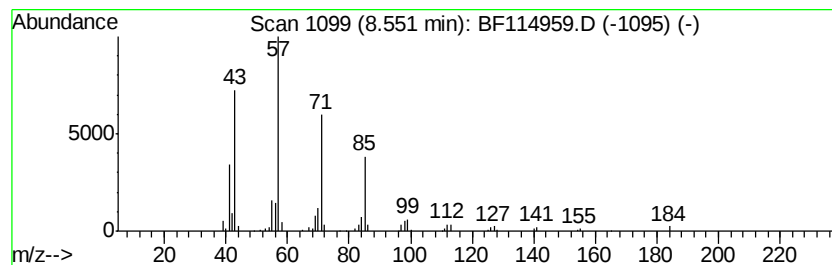
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 Hexadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.55	4.32 ng	395595	Naphthalene-d8	7.94

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	87
2	Tetradecane		198	C14H30	000629-59-4	86
3	Tridecane		184	C13H28	000629-50-5	81
4	Tetradecane, 2,6,10-trimethyl-		240	C17H36	014905-56-7	78
5	Undecane, 2,3-dimethyl-		184	C13H28	017312-77-5	78



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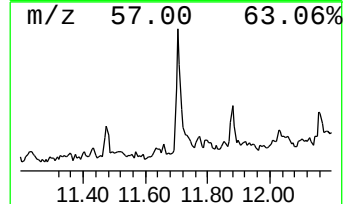
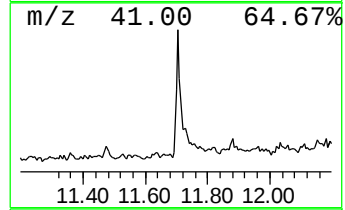
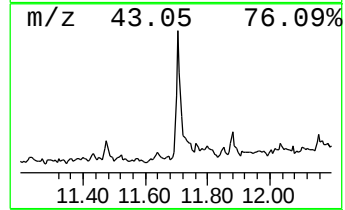
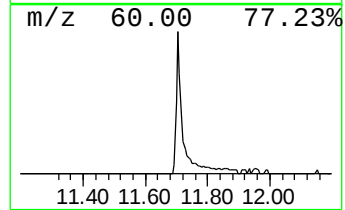
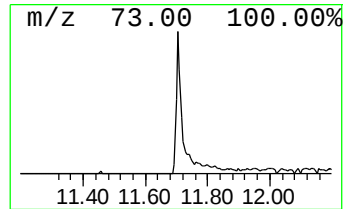
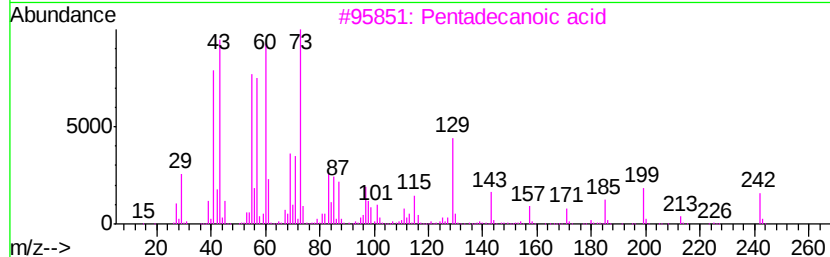
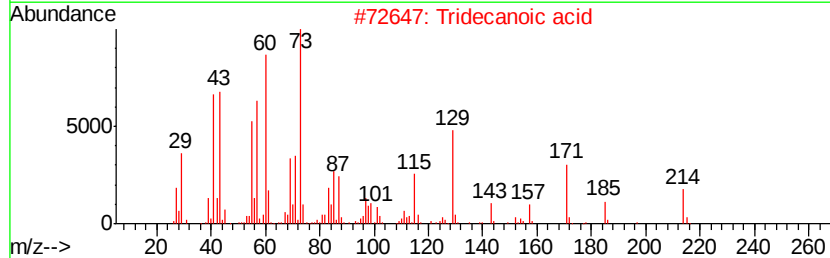
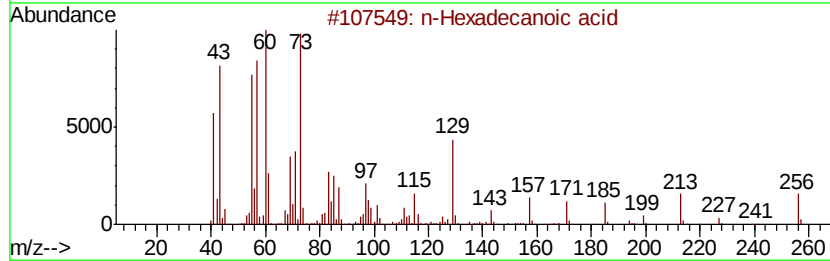
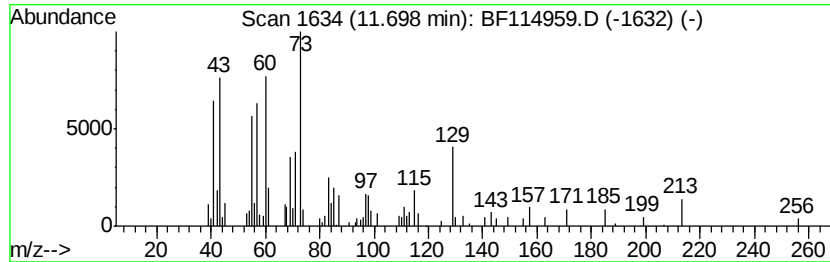
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 n-Hexadecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.70	2.10 ng	190052	Phenanthrene-d10	11.16

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tridecanoic acid	214	C13H26O2	000638-53-9	94
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5		Dodecanoic acid	200	C12H24O2	000143-07-7	64



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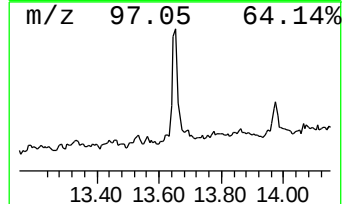
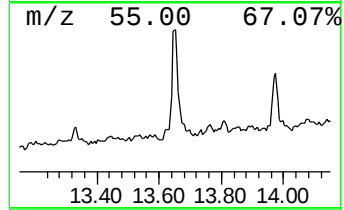
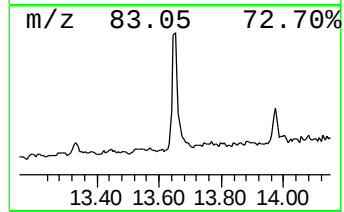
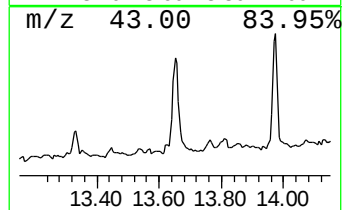
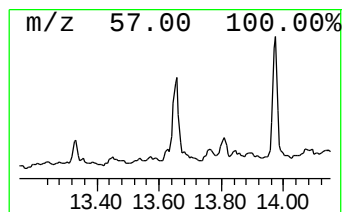
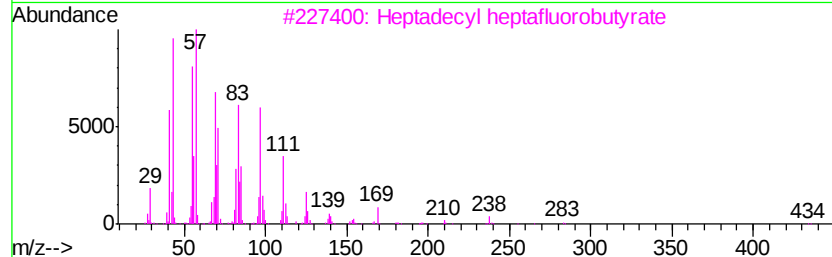
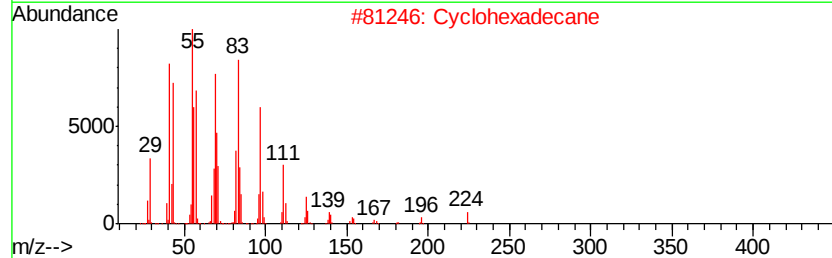
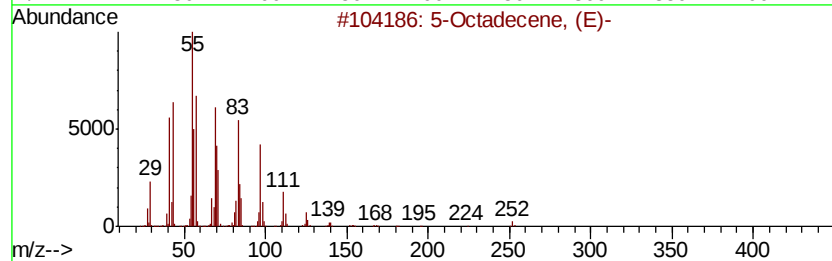
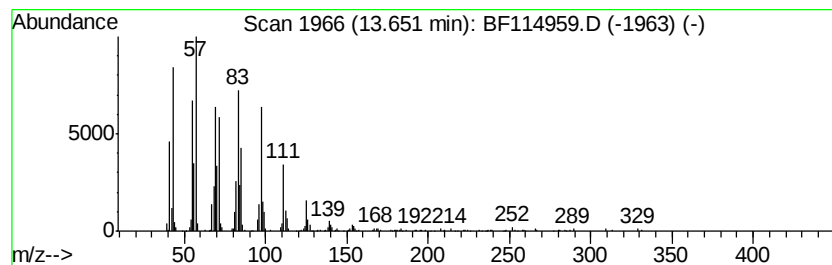
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TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 6 5-Octadecene, (E)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.65	6.94 ng	565735	Chrysene-d12	13.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Octadecene, (E)-	252	C18H36	007206-21-5	94
2		Cyclohexadecane	224	C16H32	000295-65-8	93
3		Heptadecyl heptafluorobutyrte	452	C21H35F7O2	959085-66-6	91
4		Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91
5		17-Pentatriacontene	491	C35H70	006971-40-0	91



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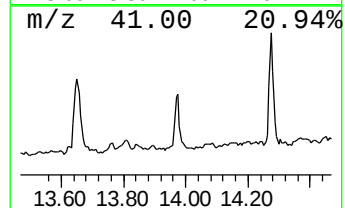
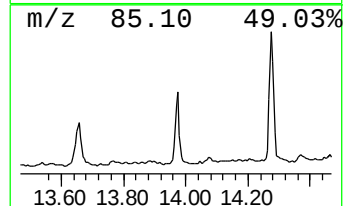
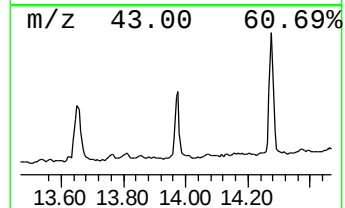
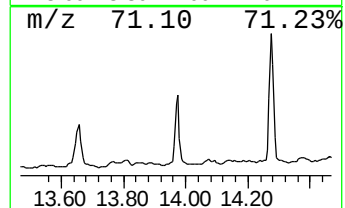
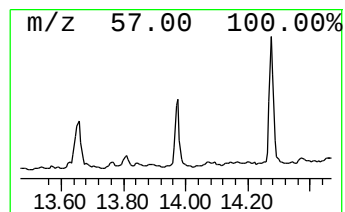
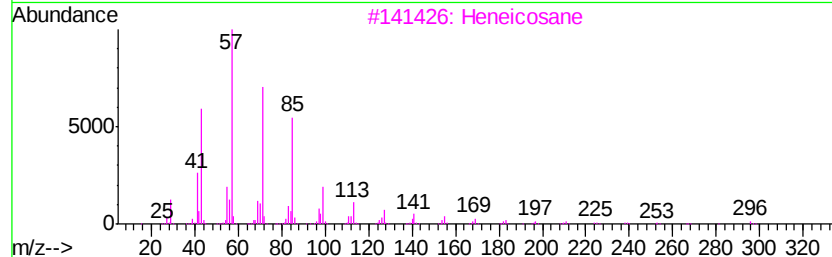
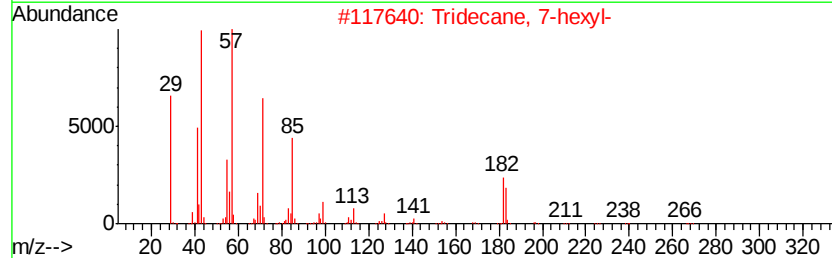
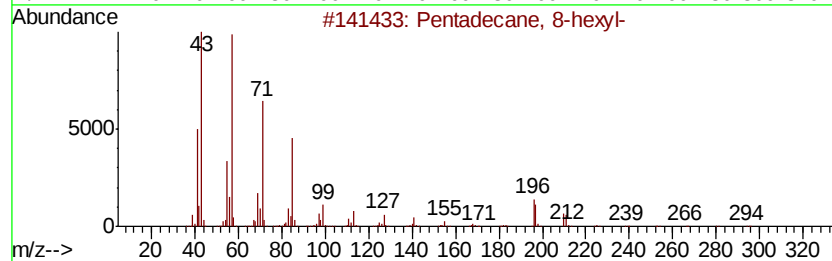
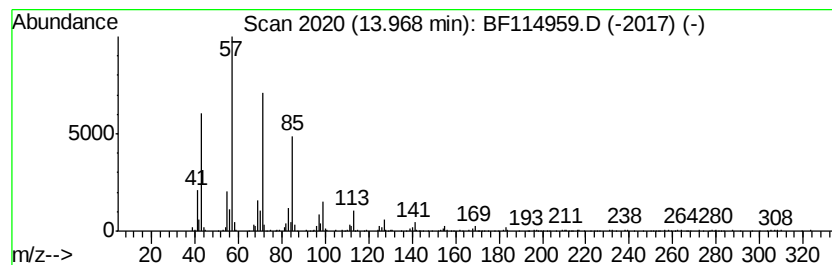
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Pentadecane, 8-hexyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	4.38 ng	356963	Chrysene-d12	13.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
2		Tridecane, 7-hexyl-	268	C19H40	007225-66-3	94
3		Heneicosane	296	C21H44	000629-94-7	91
4		Octacosane	394	C28H58	000630-02-4	91
5		Tetracosane	338	C24H50	000646-31-1	91



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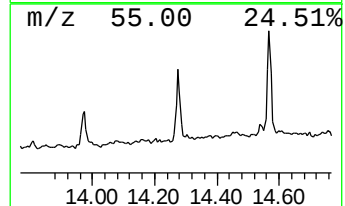
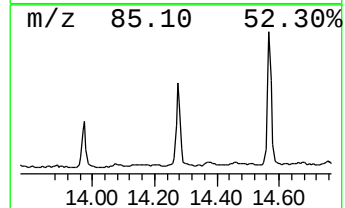
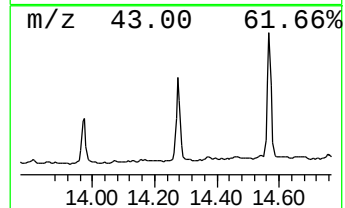
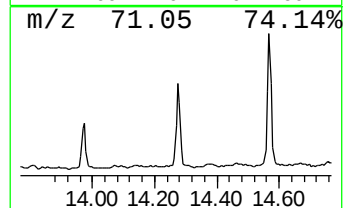
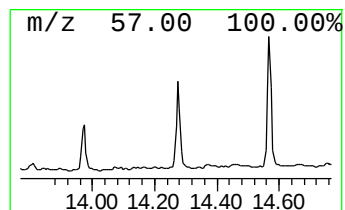
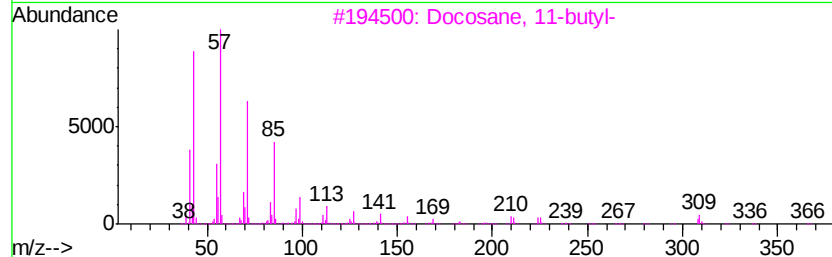
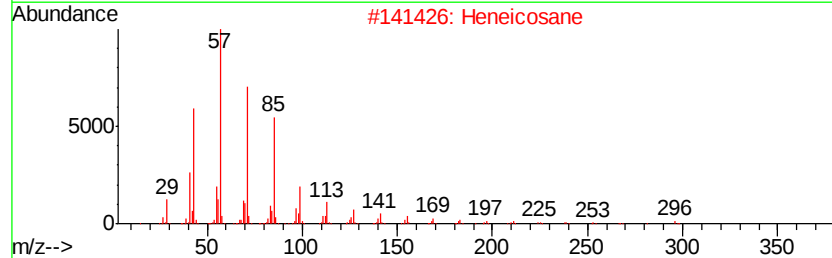
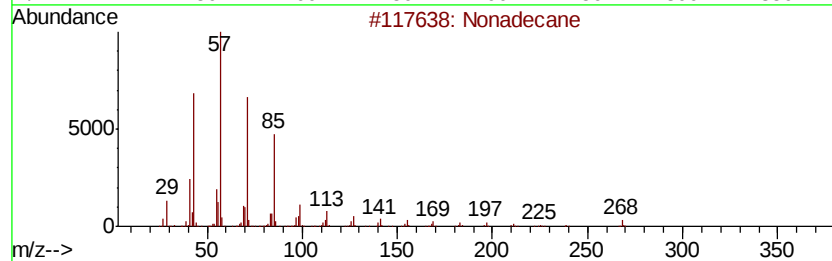
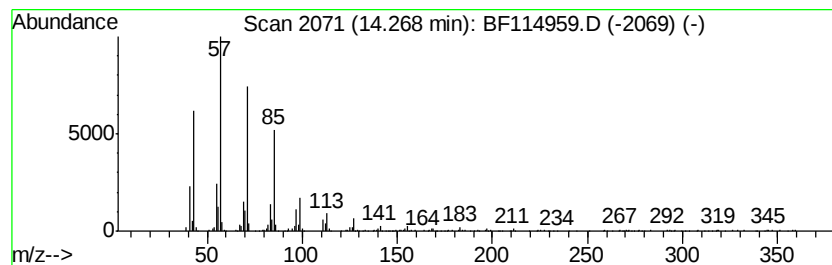
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Nonadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.27	7.35 ng	599149	Chrysene-d12	13.78

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane		268	C19H40	000629-92-5	94
2	Heneicosane		296	C21H44	000629-94-7	91
3	Docosane, 11-butyl-		366	C26H54	013475-76-8	91
4	Tetracosane		338	C24H50	000646-31-1	87
5	Hexadecane		226	C16H34	000544-76-3	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061119\
Data File : BF114959.D
Acq On : 11 Jun 2019 22:27
Operator : HP/JU
Sample : K3271-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BAT-B1

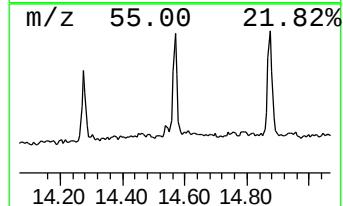
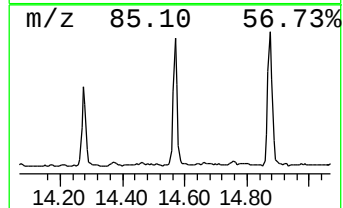
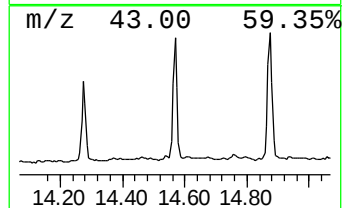
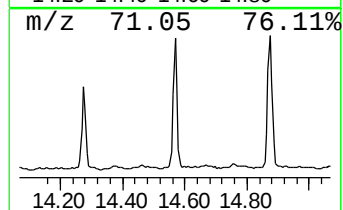
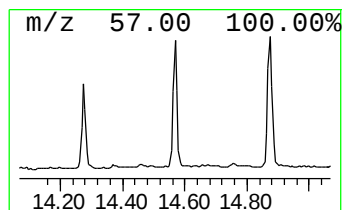
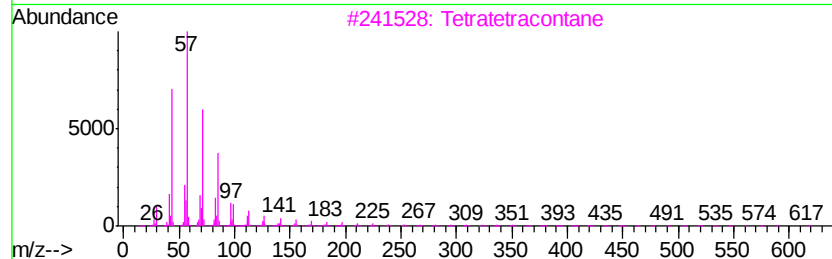
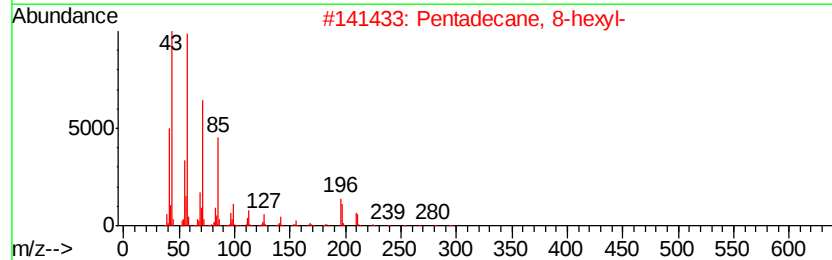
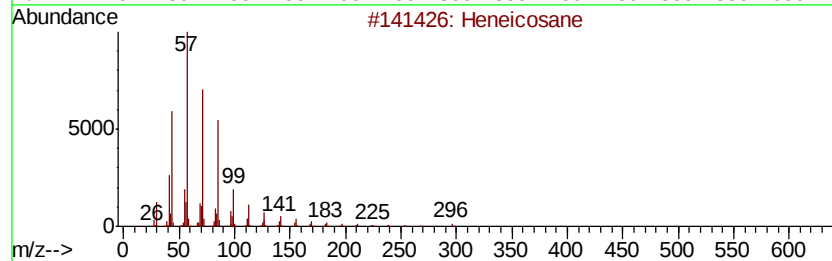
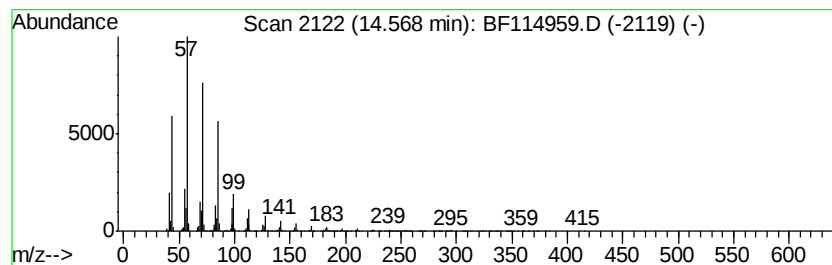
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Heneicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.57	13.93 ng	875565	Perylene-d12	15.16

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	91
2	Pentadecane, 8-hexyl-		296	C21H44	013475-75-7	91
3	Tetratetracontane		619	C44H90	007098-22-8	90
4	Tricosane		324	C23H48	000638-67-5	90
5	Eicosane, 7-hexyl-		366	C26H54	055333-99-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061119\
Data File : BF114959.D
Acq On : 11 Jun 2019 22:27
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Sample : K3271-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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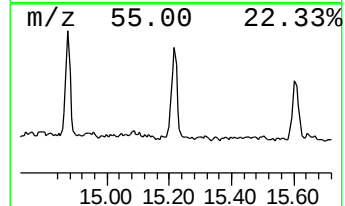
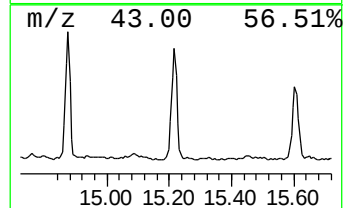
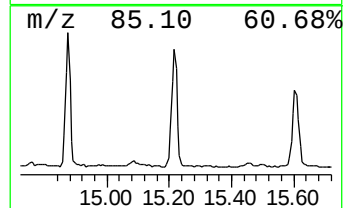
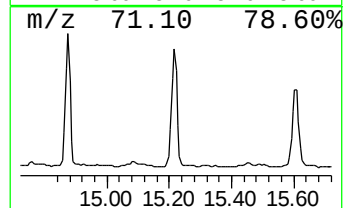
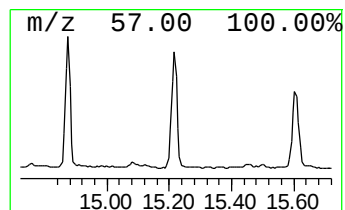
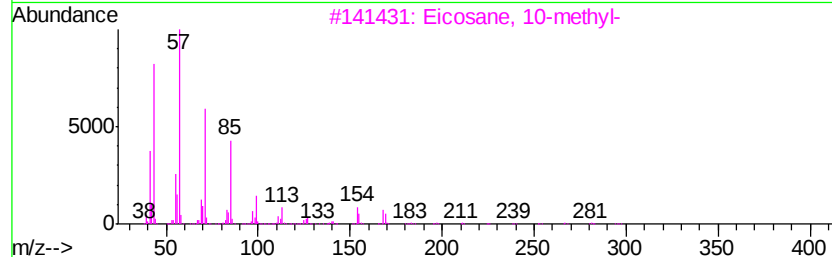
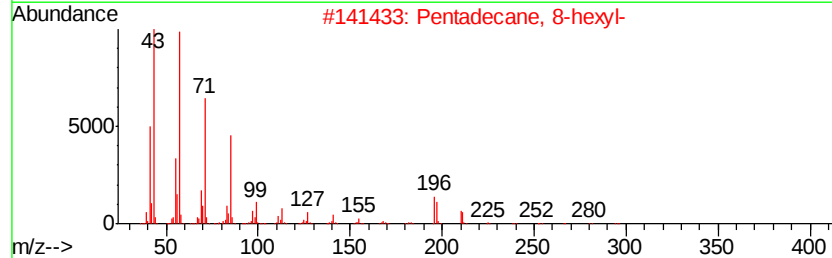
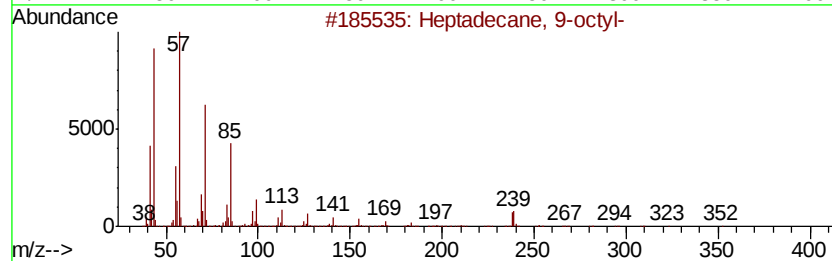
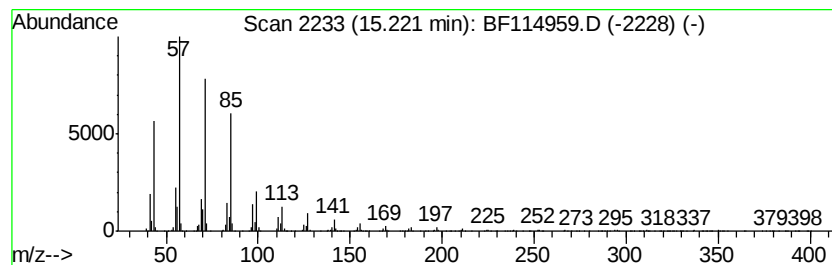
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Heptadecane, 9-octyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.22	18.75 ng	1178410	Perylene-d12	15.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	94
2		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
3		Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
4		Eicosane	282	C20H42	000112-95-8	91
5		2-methyloctacosane	408	C29H60	1000376-72-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061119\
 Data File : BF114959.D
 Acq On : 11 Jun 2019 22:27
 Operator : HP/JU
 Sample : K3271-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
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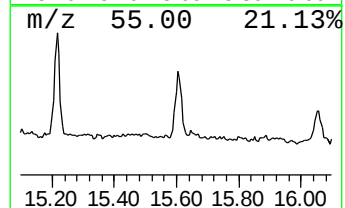
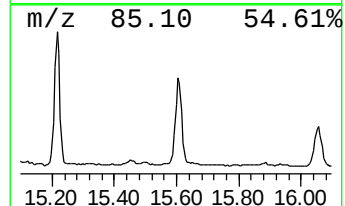
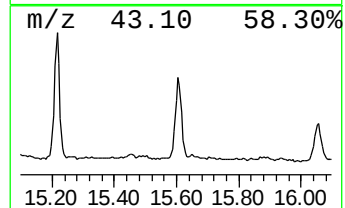
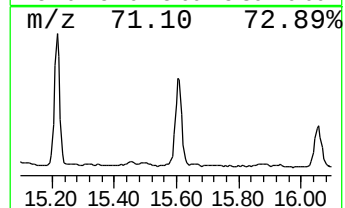
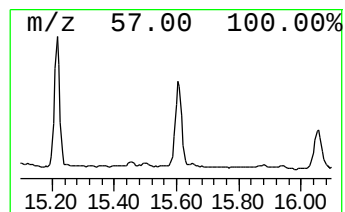
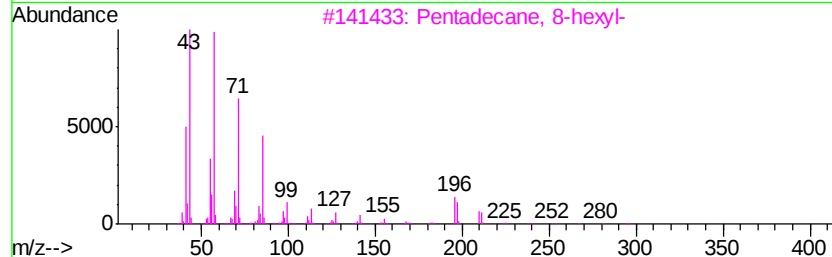
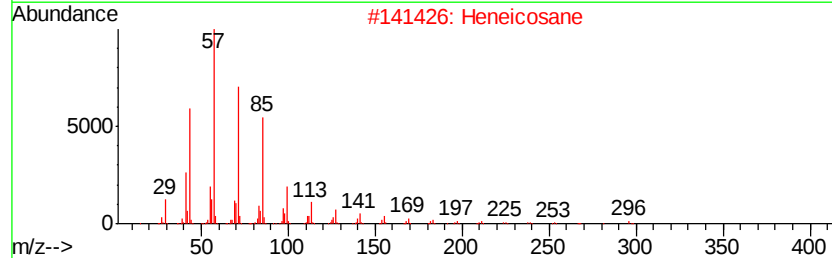
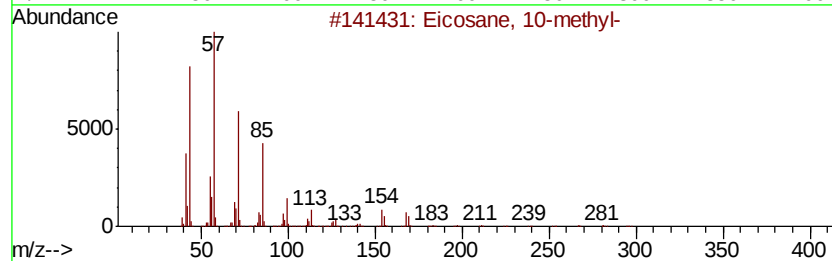
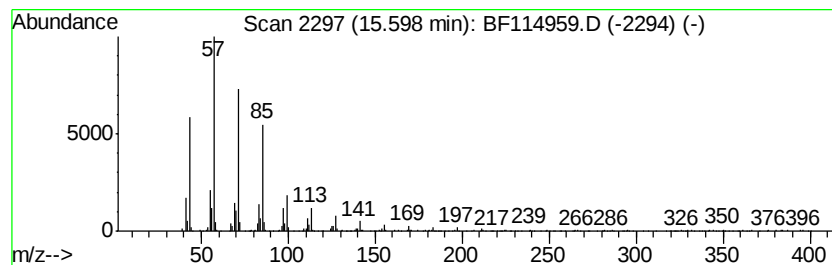
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 12 Eicosane, 10-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.60	13.50 ng	848446	Perylene-d12	15.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	94
2		Heneicosane	296	C21H44	000629-94-7	91
3		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	90
4		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90
5		Pentacosane	352	C25H52	000629-99-2	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061119\
Data File : BF114959.D
Acq On : 11 Jun 2019 22:27
Operator : HP/JU
Sample : K3271-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BAT-B1

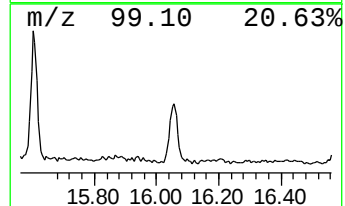
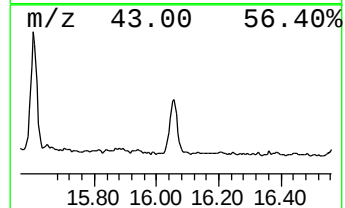
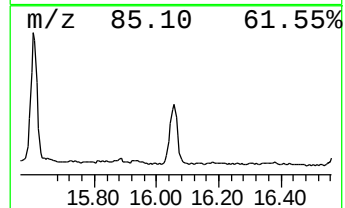
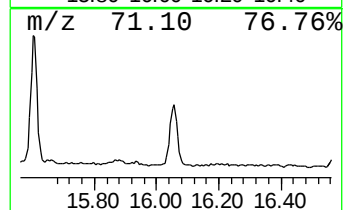
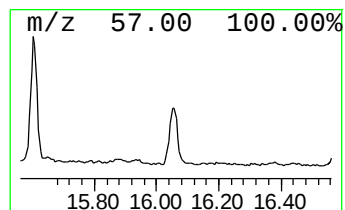
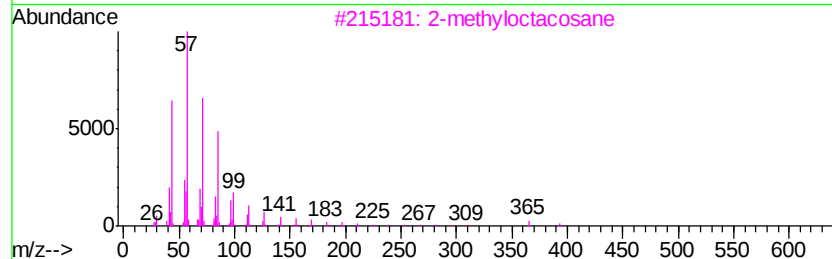
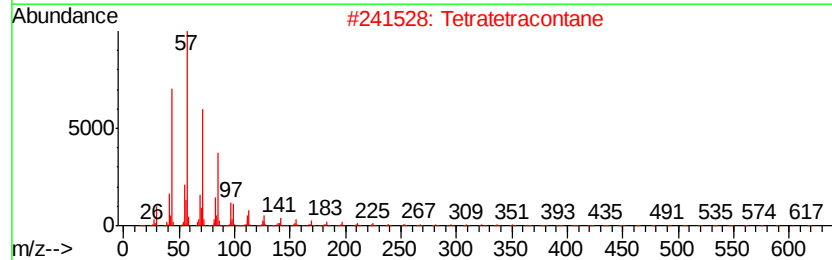
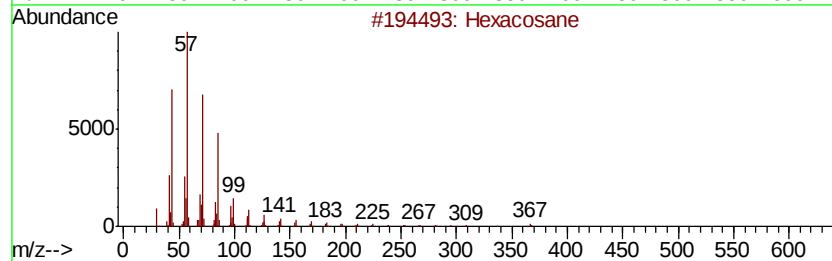
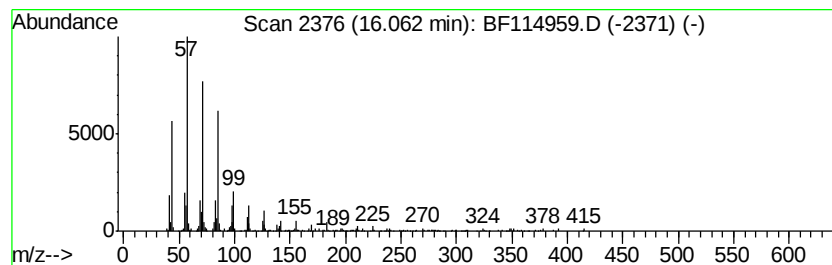
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Hexacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.06	7.84 ng	492943	Perylene-d12	15.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	91
2		Tetratetracontane	619	C44H90	007098-22-8	91
3		2-methyloctacosane	408	C29H60	1000376-72-8	91
4		Triacontane	422	C30H62	000638-68-6	91
5		Heptacosane	380	C27H56	000593-49-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061119\
Data File : BF114959.D
Acq On : 11 Jun 2019 22:27
Operator : HP/JU
Sample : K3271-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BAT-B1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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Hexadecane	8.55	4.3	ng	395595	2	7.94	1830360	20.0
n-Hexadecanoic acid	11.70	2.1	ng	190052	4	11.16	1810260	20.0
5-Octadecene, (E)-	13.65	6.9	ng	565735	5	13.78	1630010	20.0
Pentadecane, 8-he...	13.97	4.4	ng	356963	5	13.78	1630010	20.0
Nonadecane	14.27	7.3	ng	599149	5	13.78	1630010	20.0
Heneicosane	14.57	13.9	ng	875565	6	15.16	1257090	20.0
Heptadecane, 9-oc...	15.22	18.8	ng	1178410	6	15.16	1257090	20.0
Eicosane, 10-methyl-	15.60	13.5	ng	848446	6	15.16	1257090	20.0
Hexacosane	16.06	7.8	ng	492943	6	15.16	1257090	20.0